**Task 1.1: Examine the network infrastructure**

**#!/bin/bash**

**#yum -y update**

**dnf update -y**

**dnf install -y httpd wget php-fpm php-mysqli php-json php php-devel**

**# Install and enable AWS Systems Manager Agent**

**cd /tmp**

**systemctl enable amazon-ssm-agent**

**systemctl start amazon-ssm-agent**

**# Download Inventory App Lab files**

**wget https://us-east-1-tcprod.s3.us-east-1.amazonaws.com/courses/ILT-TF-200-ARCHIT/v7.9.11.prod-60bc4f16/lab-4-HA/scripts/inventory-app.zip**

**unzip inventory-app.zip -d /var/www/html/**

**# Download and install the AWS SDK for PHP**

**wget https://us-east-1-tcprod.s3.us-east-1.amazonaws.com/courses/ILT-TF-200-ARCHIT/v7.9.11.prod-60bc4f16/lab-4-HA/scripts/aws.zip**

**unzip aws -d /var/www/html**

**unzip /var/www/html/aws.zip -d /var/www/html/**

**# Load Amazon Aurora DB connection details from AWS CloudFormation**

**un="dbadmin"**

**pw="lab-password"**

**ep="inventory-cluster.cluster-ctyjjvipdm7j.us-east-1.rds.amazonaws.com"**

**db="inventory"**

**# Populate PHP app settings with DB info**

**sed -i "s/DBENDPOINT/$ep/g" /var/www/html/get-parameters.php**

**sed -i "s/DBNAME/$db/g" /var/www/html/get-parameters.php**

**sed -i "s/DBUSERNAME/$un/g" /var/www/html/get-parameters.php**

**sed -i "s/DBPASSWORD/$pw/g" /var/www/html/get-parameters.php**

**# Turn on web server**

**systemctl enable --now httpd**























